

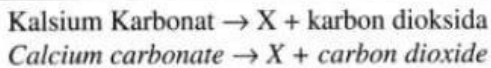
BAHAGIAN A

Arahan: Setiap soalan diikuti oleh empat pilihan jawapan, A, B, C, dan D. Bagi setiap soalan, pilih satu jawapan sahaja.

Instructions: Each question is followed by four alternative answers, A, B, C and D. For each question, choose one answer only.

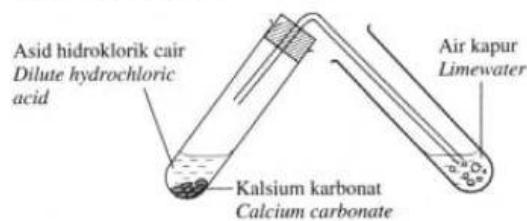
- 1 Apakah yang dimaksudkan dengan mineral?
What is the meaning of mineral?
- A Oksida buatan manusia bagi suatu unsur kimia
A man-made oxide of a chemical element
- B Sulfida suatu logam.
The sulphide of a metal
- C Unsur atau sebatian yang wujud secara semula jadi
A naturally occurring element or compound
- D Karbonat suatu kalsium
The carbonate of calcium

- 2 Apabila dipanaskan dengan kuat, kalsium karbonat terurai kepada X dan membebaskan karbon dioksida seperti ditunjukkan dalam persamaan di bawah.
When heated strongly, calcium carbonate breaks down into X and releases carbon dioxide as shown in an equation below.



- Apakah X?
What is X?
- A Kalsium
Calcium
- B Kalsium oksida
Calcium oxide
- C Kalsium sulfida
Calcium sulphide
- D Kalsium sulfat
Calcium sulphate

- 3 Rajah di bawah menunjukkan tindak balas antara kalsium karbonat dan asid hidroklorik cair.
The diagram below shows the reaction between calcium carbonate and dilute hydrochloric acid.



- Apakah gas yang dihasilkan?
What is the gas produced?

- A Oksigen
Oxygen
- B Hidrogen
Hydrogen
- C Karbon dioksida
Carbon dioxide
- D Sulfur dioksida
Sulphur dioxide
- 4 Apakah kandungan di dalam air kapur?
What is the content in limewater?
- A Natrium karbonat
Sodium Carbonate
- B Kalsium hidroksida
Calcium hydroxide
- C Natrium hidroksida
Sodium hydroxide
- D Kalsium bikarbonat
Calcium bicarbonate